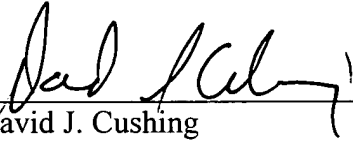


Preliminary Amendment
Attorney Docket Q68645

REMARKS

Entry and consideration of this Amendment is respectfully requested.

Respectfully submitted,


David J. Cushing
Registration No. 28,703

SUGHRUE MION, PLLC
2100 Pennsylvania Avenue, N.W.
Washington, D.C. 20037-3213
Telephone: (202) 293-7060
Facsimile: (202) 293-7860

Date: February 22, 2002

20079875.022202

APPENDIX

VERSION WITH MARKINGS TO SHOW CHANGES MADE

IN THE CLAIMS:

The claims are amended as follows:

6. (Amended) The wavelength-tunable laser claimed in claim 4 ~~or claim 5~~ wherein a sampled Bragg grating of said waveguide has a pitch that is not constant.

7. (Amended) The wavelength-tunable laser claimed in ~~any of claims 1 to 5~~ claim 1 wherein said first cavity is formed between a first outside face of said first section and an outside face of said second section.

8. (Amended) The wavelength-tunable cavity claimed in ~~any of claims 1 to 5~~ claim 1 wherein said first cavity is formed between a first outside face of said first section and an entry face of said reflector.

9. (Amended) The wavelength-tunable laser claimed ~~in any of claims 1 to 5~~ claim 1 wherein the variation of the effective group index of said phase tuning second active section is obtained by a Franz Keldysh effect.

10. (Amended) The wavelength-tunable laser claimed in ~~any of claims 1 to 5~~claim 1 wherein the variation of the effective group index of said phase tuning second active section is obtained by a Stark quantum confinement electro-optical effect.